

2. (Amended) The method as claimed in claim 1, further comprising the steps of:

determining a confidence range for said prediction of measurement data; and
eliminating a% lowest and b% highest forecast measurement data.

3. (Amended) The method as claimed in claim 2, wherein a% and b% are equal values.

4. (Amended) The method as claimed in claim 1, wherein said stochastic process is a non-homogeneous Poisson process.

5. (Amended) The method as claimed in claim 1, wherein said measurement data represents numbers of errors.

6. (Amended) A method for predicting measurement data using given measurement data, comprising the steps of:

a) matching, using a processor, a stochastic process to said given measurement data;

b) sorting probability values generated by said stochastic process according to size, to provide a range around an expected value; and

c) predicting measurement data within limits of said range, and providing said predicted measurement data as useable output.

7. (Amended) The method as claimed in claim 6, further comprising the steps of:

sorting said probability values generated by said stochastic process symmetrically by size around said expected value.

8. (Amended) An arrangement for predicting measurement data until a final time-point using given measurement data, comprising:

a processor unit, having a CPU, bus, memory, and input/output controller, configured in such a way that:

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- a) a stochastic process can be matched to said given measurement data;
 - b) simulation runs of the stochastic process can be carried out from a given time-point until the final time-point;
 - c) forecast measurement data can be determined for each simulation run; and
 - d) measurement data is predicted by stating a range of values, which is determined by said forecast measurement data, said measurement data being output in a useable form.

9. (Amended) An arrangement for predicting measurement data using given measurement data, comprising:

a processor unit, having a CPU, bus, memory, and input/output controller, configured in such a way that:

- a) a stochastic process can be matched to the given measurement data;
- b) a range can be ascertained by sorting probability values generated by said stochastic process according to size around an expected value; and
- c) said measurement data is predicted within the limits of the range, said measurement data being output in useable form.

REMARKS

The present Amendment revises the specification and claims to conform to United States patent practice, before examination of the present PCT application in the United States National Examination Phase. Pursuant to 37 CFR 1.125 (b), applicants have concurrently submitted a substitute specification, excluding the claims, and provided a marked-up copy. All of the changes are editorial and applicant believes no new matter is added thereby. The amendment, addition, and/or cancellation of claims is not intended to be a surrender of any of the subject matter of those claims.